Theta+N Liquid Transfer System Reagent Plate Setup. CC BY-NC-SA 4.0

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4x 256 Reagent Plate (384 well)

Reagent plates containing all possilbe combinations of 4 sequential nucleotides dispensed as single nucleotides (dNTP) in each well. There are 256 total possible combinations. These 256 combinations make 256 4 well sets that each contain a possilbe 4 sequential nuclotide combination found in 4 sequential wells in a reaction plate. These 3 384 well reagent resivour plates are used in the Theta+N liquid transfer system to transfer monomers plus their catalyst into a individual chambers of a reaction plate 4 wells at a time while maintaing the correct sequence idenity for each reaction.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	A	A	A	A	A	G	A	A	T	C	A	A	C	T	A	A	G	A	A	A	G	G	A	A
B	A	A	A	T	A	G	A	T	T	C	A	T	C	T	A	T	G	A	A	T	G	G	A	T
C	A	A	A	C	A	G	A	C	T	C	A	C	C	T	A	C	G	A	A	C	G	G	A	C
D	A	A	A	G	A	G	A	G	T	C	A	G	C	T	A	G	G	A	A	G	G	G	A	G
E	A	A	T	A	A	G	T	A	T	C	T	A	C	T	T	A	G	A	T	A	G	G	T	A
F	A	A	T	T	A	G	T	T	T	C	T	T	C	T	T	T	G	A	T	T	G	G	T	T
G	A	A	T	C	A	G	T	C	T	C	T	C	C	T	T	C	G	A	T	C	G	G	T	C
H	A	A	T	G	A	G	T	G	T	C	T	G	C	T	T	G	G	A	T	G	G	G	T	G
I	A	A	C	A	A	G	C	A	T	C	C	A	C	T	C	A	G	A	C	A	G	G	C	A
J	A	A	C	T	A	G	C	T	T	C	C	T	C	T	C	T	G	A	C	T	G	G	C	T
K	A	A	C	C	A	G	C	C	T	C	C	C	C	T	C	C	G	A	C	C	G	G	C	C
L	A	A	C	G	A	G	C	G	T	C	C	G	C	T	C	G	G	A	C	G	G	G	C	G
M	A	A	G	A	A	G	G	A	T	C	G	A	C	T	G	A	G	A	G	A	G	G	G	A
N	A	A	G	T	A	G	G	T	T	C	G	T	C	T	G	T	G	A	G	T	G	G	G	T
O	A	A	G	C	A	G	G	C	T	C	G	C	C	T	G	C	G	A	G	C	G	G	G	C
P	A	A	G	G	A	G	G	G	T	C	G	G	C	T	G	G	G	A	G	G	G	G	G	G

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	A	T	A	A	T	A	A	A	T	G	A	A	C	C	A	A	G	T	A	A				
B	A	T	A	T	T	A	A	T	T	G	A	T	C	C	A	T	G	T	A	T				
C	A	T	A	C	T	A	A	C	T	G	A	C	C	C	A	C	G	T	A	C				
D	A	T	A	G	T	A	A	G	T	G	A	G	C	C	A	G	G	T	A	G				
E	A	T	T	A	T	A	T	A	T	G	T	A	C	C	T	A	G	T	T	A				
F	A	T	T	T	T	A	T	T	T	G	T	T	C	C	T	T	G	T	T	T				
G	A	T	T	C	T	A	T	C	T	G	T	C	C	C	T	C	G	T	T	C				
H	A	T	T	G	T	A	T	G	T	G	T	G	C	C	T	G	G	T	T	G				
I	A	T	C	A	T	A	C	A	T	G	C	A	C	C	C	A	G	T	C	A				
J	A	T	C	T	T	A	C	T	T	G	C	T	C	C	C	T	G	T	C	T				
K	A	T	C	C	T	A	C	C	T	G	C	C	C	C	C	C	G	T	C	C				
L	A	T	C	G	T	A	C	G	T	G	C	G	C	C	C	G	G	T	C	G				
M	A	T	G	A	T	A	G	A	T	G	G	A	C	C	G	A	G	T	G	A				
N	A	T	G	T	T	A	G	T	T	G	G	T	C	C	G	T	G	T	G	T				
O	A	T	G	C	T	A	G	C	T	G	G	C	C	C	G	C	G	T	G	C				
P	A	T	G	G	T	A	G	G	T	G	G	G	C	C	G	G	G	T	G	G				

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	A	C	A	A	T	T	A	A	C	A	A	A	C	G	A	A	G	C	A	A				
B	A	C	A	T	T	T	A	T	C	A	A	T	C	G	A	T	G	C	A	T				
C	A	C	A	C	T	T	A	C	C	A	A	C	C	G	A	C	G	C	A	C				
D	A	C	A	G	T	T	A	G	C	A	A	G	C	G	A	G	G	C	A	G				
E	A	C	T	A	T	T	T	A	C	A	T	A	C	G	T	A	G	C	T	A				
F	A	C	T	T	T	T	T	T	C	A	T	T	C	G	T	T	G	C	T	T				
G	A	C	T	C	T	T	T	C	C	A	T	C	C	G	T	C	G	C	T	C				
H	A	C	T	G	T	T	T	G	C	A	T	G	C	G	T	G	G	C	T	G				
I	A	C	C	A	T	T	C	A	C	A	C	A	C	G	C	A	G	C	C	A				
J	A	C	C	T	T	T	C	T	C	A	C	T	C	G	C	T	G	C	C	T				
K	A	C	C	C	T	T	C	C	C	A	C	C	C	G	C	C	G	C	C	C				
L	A	C	C	G	T	T	C	G	C	A	C	G	C	G	C	G	G	C	C	G				
M	A	C	G	A	T	T	G	A	C	A	G	A	C	G	G	A	G	C	G	A				
N	A	C	G	T	T	T	G	T	C	A	G	T	C	G	G	T	G	C	G	T				
O	A	C	G	C	T	T	G	C	C	A	G	C	C	G	G	C	G	C	G	C				
P	A	C	G	G	T	T	G	G	C	A	G	G	C	G	G	G	G	C	G	G				

3X - 64 Reagent Plate (96 well)

Reagent plates containing all possilbe combinations of 3 sequential nucleotides dispensed as single nucleotides (dNTP) in each well. There are 64 total possible combinations. These 64 combinations make 64 3 well sets that each contain a possilbe 3 sequential nuclotide combination found in 3 sequential wells in a reaction plate. These 2 96 well reagent resivour plates are used in the Theta+N liquid transfer system to transfer monomers plus their catalyst into a individual chambers of a reaction plate 3 wells at a time while maintaing the correct sequence idenity for each reaction.

PLATE 1

	1	2	3	4	5	6	7	8	9	10	11	12
A	A	A	A	C	A	A	G	A	A	T	A	A
B	A	A	C	C	A	C	G	A	C	T	A	C
C	A	A	G	C	A	G	G	A	G	T	A	G
D	A	A	T	C	A	T	G	A	T	T	A	T
E	A	C	A	C	C	A	G	C	A	T	C	A
F	A	C	C	C	C	C	G	C	C	T	C	C
G	A	C	G	C	C	G	G	C	G	T	C	G
H	A	C	T	C	C	T	G	C	T	T	C	T

PLATE 2

	1	2	3	4	5	6	7	8	9	10	11	12
A	A	G	A	C	G	A	G	G	A	T	G	A
B	A	G	C	C	G	C	G	G	C	T	G	C
C	A	G	G	C	G	G	G	G	G	T	G	G
D	A	G	T	C	G	T	G	G	T	T	G	T
E	A	T	A	C	T	A	G	T	A	T	T	A
F	A	T	C	C	T	C	G	T	C	T	T	C
G	A	T	G	C	T	G	G	T	G	T	T	G
H	A	T	T	C	T	T	G	T	T	T	T	T